

Product Manual(TDS)

Urethane acrylate BW L858M

Product introduction

BW L858M is a HEMA-free low odor modified polyurethane acrylate. It has fast curing speed, high gloss, good tensile ductility, excellent leveling and ink wettability, and shows good adhesion to different substrates. It is mainly used in UV nail polish rubber base layer, UV adhesive and other fields.

Product characteristics

Functional	2	Hardness	-
Active Ingredient (%)	100%	Proportion (25°C)	1.06
Appearance (25°C)	Transparent clear liquid	Shrinkage(%)	-
Viscosity (cps at 25°C)	15,000 - 30,000	Refractive Index(nd at 25°C)	1.47
Color (APHA)	≤ 60	Elongation At Break (%)	-
Acid Value (mg KOH/g)	≤ 1	Tensile Strength (MPa)	-

- Excellent leveling and ink wettability;
- Good tensile ductility;
- HEMA-free;
- Low odor;

Applications

- It is used in odorless rubber base layer for LED UV nail polish, UV adhesive.

Packaging

- In 20 kg plastic drums
- In 200 kg metal drums

Storage

- Store in a properly sealed container, away from sunlight and heat;
- At normal room temperature storage conditions, the product storage stability of at least 6 months;
- Low temperature or long-term storage, this product may form a false plastic layer;
- This rheological change can be restored by stirring or slight heating (up to 45°C);

It is especially suggested that the above data and suggestions are based on experimental data, but due to the uselessness of users, we can not provide any guarantee for the integrity and accuracy of the information.

We recommend that customers choose our products and adopt them. Determine their applicability before making our recommendations.

